This group will define and develop a revised version of the Low Level Reader Protocol (LLRP) Standard to clarify its use within the RFID community, identify and add new features needed to align with the Gen2V2 Air Interface standard while ensuring new features do not cause any disruption—and that the revised version of LLRP is backward-compatible with existing deployments. Any additional functionality not currently included in the Gen2V2 standard is considered out of scope of this project.

Project Description

- Reviewed LLRP Solution document – adding challenge command
- Shared Draft Authenticate, ReadBuffer, AuthComm and SecureComm

Deliverable/Objective

- Develop a revised version of the LLRP Standard to include the updated Gen2V2 standard.
- The group may identify guidance and training material to support the RFID community when implementing LLRP-based solutions.

Company participation

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<th>Required roster</th>
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<td>5 (2 Reader, 2 chip 1 system integrator)</td>
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Stakeholders

- LT Sponsor: Robert Beideman (not an OGSM)
- SDL: John Ryu
- IE/Sol Liaison: Claude Tetelin
- SME: Claude Tetelin
- AG Liaison: Amber Walls (GS1 US)
- Chairs: Michael Koch (Zebra) and Thomas J. Frederick (Clairvoyant Technology LLC)

Milestone deliverables

- Project approved August ’19
- Requirements February ’20
- Draft standard September ‘20
- Publication September ‘20

Completed last 30 days

- Reviewed LLRP Solution document – adding challenge command
- Shared Draft Authenticate, ReadBuffer, AuthComm and SecureComm

Next steps

- Drafting and reviewing LLRP solution document
- Feedback regarding Authenticate, ReadBuffer, AuthComm and SecureComm
- Share TagPrivilege and KeyUpdate

Risks and Issues

None